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1. Joint Scene Classification and Segmentation Based on Hidden Markov Model

Huang, J.; Liu, Z.; Wang, Y.;
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2. Composition and search with a video algebra

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3. A multi-layer video browsing system

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4. Constrained-latency storage access

Staehli, R.; Walpole, J.;
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6. Shot clustering techniques for story browsing

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7. A fast video-on-demand broadcasting scheme for popular videos

Sheu, J.-P.; Han-Lih Wang; Chi-He Chang; Yu-Chee Tseng;
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8. Probabilistic space-time video modeling via piecewise GMM

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Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 26, Issue 3, Mar 2004 Page(s):384 - 396
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9. **Video object segmentation using Bayes-based temporal tracking and trajectory-based region merging**
Mezaris, V.; Kompatsiaris, I.; Srintzis, M.G.;
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10. **Optimal content-based video decomposition for interactive video navigation**
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11. **Multimedia descriptions based on MPEG-7: extraction and applications**
Abdel-Mottaleb, M.; Krishnamachari, S.;
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13. **Semantic indexing of soccer audio-visual sequences: a multimodal approach based on controlled Markov chains**
Leonardi, R.; Migliorati, P.; Prandini, M.;
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14. **Real-time compressed-domain spatiotemporal segmentation and ontologies for video indexing and retrieval**
Mezaris, V.; Kompatsiaris, I.; Boulgouris, N.V.; Srintzis, M.G.;
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15. **Optimization-based automated home video editing system**
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16. **Scene-adaptive transform domain video partitioning**
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19. Modeling full-length video using Markov-modulated gamma-based framework

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21. Two-stage hierarchical video summary extraction to match low-level user browsing preferences

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Gatica-Perez, D.; Loui, A.; Ming-Ting Sun;
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23. Statistical sequential analysis for real-time video scene change detection on compressed multimedia bitstream

Lelescu, D.; Schonfeld, D.;
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25. A frame-based MPEG characteristics extraction tool and its application in video transcoding

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Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Information integration approach to designing digital video albums**
Madhwacharyula, C.; Jun, W.; Weiqi, Y.; Yi, J.; Radhakrishna, A.S.V.; Bissol, S.; Yu, J.C.; Qiuying, Z.; Srinavisan, S.H.; Abdulredha, H.H.; Mulhem, P.; Kankanhalli, M.S.;
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2. **Semantic video summarization in compressed domain MPEG video**
Yu, J.C.S.; Kankanhalli, M.S.; Mulhen, P.;
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3. **Video de-abstraction or how to save money on your wedding video**
Aner-Wolf, A.; Wolf, L.;
Applications of Computer Vision, 2002. (WACV 2002). Proceedings. Sixth IEEE Workshop on
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4. **Digital Hubbub**
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5. **Matching of faces in camera images and document photographs**
Starovoitov, V.; Samal, D.; Sankur, B.;
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Hewagamage, K.P.; Hirakawa, M.;
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Volume 1, 30 July-2 Aug. 2000 Page(s):323 - 326 vol.1
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Srihari, R.; Zhongfei Zhang; Aibing Rao;
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Paul, M.; Murshed, M.; Dooley, L.;

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Busch, A.; Boles, W.W.;

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE International Conference on Volume 4, 13-17 May 2002 Page(s):IV-3584 - IV-3587 vol.4

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10. AutoAlbum: clustering digital photographs using probabilistic model merging

Platt, J.C.;

Content-based Access of Image and Video Libraries, 2000. Proceedings. IEEE Workshop on 12 June 2000 Page(s):96 - 100

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09/992617 Examiner: KASSA, YOSEF GAU: 2625
 Inventor: CHIU, PATRICK, et al Classification: 382/284.000
 Status: 71 - RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER
 Title: VIDEO PRODUCTION AND COMPACTION WITH COLLAGE PICTURE FRAME USER INTERFACE

Contents report (17 items sorted by Description in Descending order)

Date	Status	Code	Description
12/03/2004	71	A...	RESPONSE AFTER NON-FINAL ACTION
12/05/2001		INCD	NOTICE MAILED--APPLICATION INCOMPLETE-- FILING DATE ASSIGNED
09/05/2004	40	CTNF	NON-FINAL REJECTION
09/07/2004	41	MCTN F	MAIL NON-FINAL REJECTION
11/16/2001	19	IEXX	INITIAL EXAM TEAM NN
05/17/2002		M844	INFORMATION DISCLOSURE STATEMENT (IDS) FILED
03/15/2005		TSSCO/ MP	IFW TSS PROCESSING BY TECH CENTER COMPLETE
11/29/2001		SCAN	IFW SCAN & PACR AUTO SECURITY REVIEW
03/15/2005		FWDX	DATE FORWARDED TO EXAMINER
12/05/2001		C.AD	CORRESPONDENCE ADDRESS CHANGE
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03/13/2002		COMP	APPLICATION IS NOW COMPLETE
03/14/2002	20	OIPE	APPLICATION DISPATCHED FROM OIPE
02/19/2002		ADDFL FEE	ADDITIONAL APPLICATION FILING FEES
02/19/2002		OATH DECL	A STATEMENT BY ONE OR MORE INVENTORS SATISFYING THE REQUIREMENT UNDER 35 USC 115, OATH OF THE APPLIC